

California OES Weather Threat Briefing

Thursday, December 30, 2021
9:00 AM PST

Day 1 (Thursday): Travel impacts expected across the southern mountains as snow and very cold conditions continue. Heavy rain may cause flooding and isolated burn scar impacts across portions of southern CA.

National Weather Service

*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



WEATHER KEY POINTS

12/30/21 - 01/05/22

Thursday - Friday

- Rain and mountain snow will continue across Southern CA through Thursday, tapering off on Friday
 - Minor flooding is possible in poorly drained areas, mudslides and rockslides are possible along some mountain roadways.
 - Heavy snow is expected mainly above 4500 ft across the southern mountains, including San Bernardino, Ventura, and Los Angeles Counties. Gusty winds of 40-60 mph over the mountains may lead to additional travel impacts.
- Colder than typical temperatures are expected through much of the upcoming work week and into the new year, with nighttime temperatures remaining 10 to 20 degrees below normal throughout the week.

Saturday - Wednesday

- Drier and continued cooler than normal temperatures for the weekend into early next week across CA.
- Astronomical high tides late in the week are some of the highest of the year with tides peaking near 8.81 feet at Humboldt Bay on Sunday January 2nd and Monday January 3rd. This combined with strong south winds along the coast could bring significant coastal flooding to areas around Humboldt Bay and possibly on the open coast as well.
- Another round of rain and mountain snow will return to NW CA on Sunday, and spread south into central CA Monday and Tuesday.
 - Additional heavy precipitation and areas of gusty winds are possible with this next storm



CALIFORNIA WEATHER IMPACTS

12/30/21 - 01/05/22

<u>Hazards / Day</u>	THU	FRI	SAT	SUN	MON	TUE	WED
Non-Thunderstorm Damaging Winds				Coastal	Coastal/ Inland	Inland	Inland
Snow	Southern			Coastal	Coastal/ Inland	Coastal/ Inland	Inland
Coastal Flooding				North Coast	North Coast		
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)							
Heat Risk							
Heavy Rain/Flash Flooding/ Debris Flow	Southern			Coastal	Coastal/ Inland	Inland	
Cold	All	All	All	All	All	All	All



No Impacts



Minimal Impacts



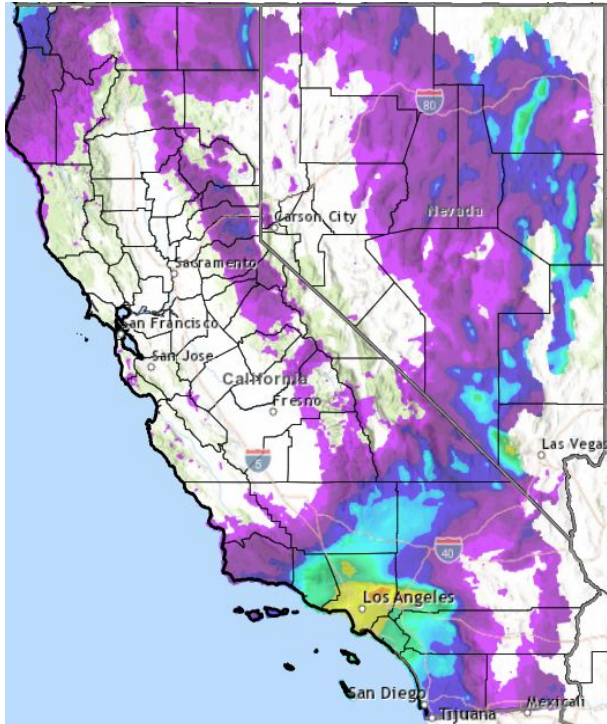
Moderate Impacts



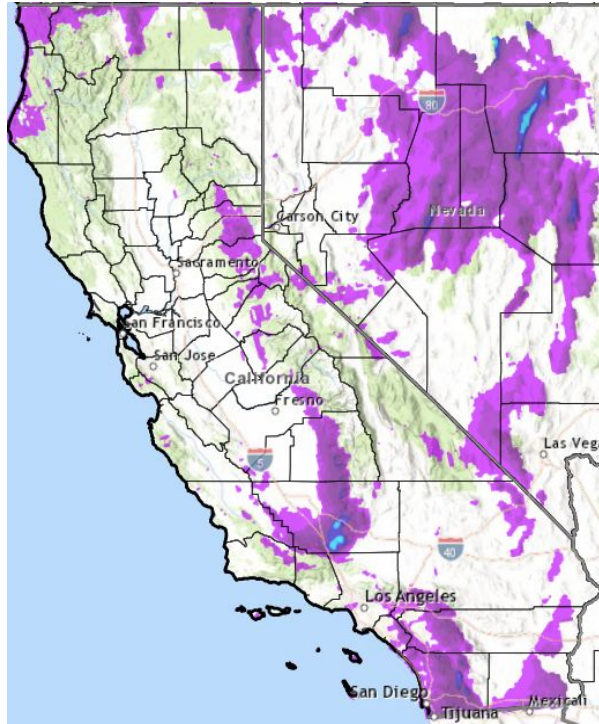
Severe Impacts

PRECIPITATION FORECAST

12/30/21 - 01/01/22



Thursday



Friday



Saturday

Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)



WEATHER OUTLOOK

01/04/21 - 01/12/22

6-10 Day Outlook (January 4 – January 8)

Temperatures

- Near normal temperatures favored across Northern and Central California and below normal temperatures favored across Southern CA.

Precipitation

- Above normal precipitation is favored across nearly the entire state, with the strongest signal across northeastern California and the northern Sierras. Near normal precipitation is favored across far southern California.

8-14 Day Outlook (January 6 – January 12)

Temperatures

- Near normal temperatures favored across Northern and Central California and below normal temperatures favored across Southern CA.

Precipitation

- Leaning toward above normal precipitation being favored across northern CA, with near normal precipitation favored across southern California and along the central coast.



Information provided by:

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